Date: Mon, 31 Oct 94 04:30:31 PST

From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>

Errors-To: Ham-Space-Errors@UCSD.Edu

Reply-To: Ham-Space@UCSD.Edu

Precedence: List

Subject: Ham-Space Digest V94 #307

To: Ham-Space

Ham-Space Digest Mon, 31 Oct 94 Volume 94 : Issue 307

Today's Topics:

Contacting the MIR. Help!

Getting Started on Satellites HELP! (2 msgs)

Ham-Space Digest...Address to Subscribe?

International Recommendations

Satellite elements

Satellite tracking software needed

Tracking the MIR. Help!

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu> Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu> Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 30 Oct 1994 23:06:27

From: n7ryw@teleport.com (William Roth)

Subject: Contacting the MIR. Help!

In article <19940ct31.021040.1@ntuvax.ntu.ac.sg> asirene@ntuvax.ntu.ac.sg writes:

>From: asirene@ntuvax.ntu.ac.sg
>Subject: Contacting the MIR. Help!
>Date: 31 Oct 94 02:10:40 +0800

> Can anyone tell me the minimum requirement to work the MIR. >I am using a 7/8 lambda Diamond F-22 vertical mounted on roof. Also >using IC-22A on 145.550 MHz with 10watts output. Is this sufficient >to work the MIR? The last pass we tried was about 440km nearest.

The antenna is the exact opposite of what you want. The F-22 (and all gain verticals) get their gain by concentrating the signal toward the horizon. The problem is that MIR is UP, not at the horizon! Don't feel alone, when I worked at HRO, this would happen with someone once a day at least.

Try an antenna called a "Crossed Dipole". I used one for years for MIR and Sarex. It points up toward the satellites. For a good description, look in the Satellite Experimenters Handbook for it.

Date: 29 Oct 1994 15:26:37 GMT

From: moritz@ipers1.e-technik.uni-stuttgart.de ()

Subject: Getting Started on Satellites HELP!

Here some advices, to get started quickly:

- 1) get a satellite tracking program from an FTP site, get the orb. data from the Newsgroup, and tune one of your scanners to 137.620 MHz or 137.750 (not sure on the 2nd one) for the NOAA satelites. Use an out door antenna though.
- 2) When you receve a good sig, get the program JVFAX, ver. 7, and a faxconverter. (there are some vy simple designs around, also for the WX sats, the JVFAX manual might help).
- 3) Once it works, you might want to use a proper antenna (eg. turnstile) and a preamp...

Have fun, Moritz DL5UH

Date: Mon, 31 Oct 1994 01:27:06 +0000 From: zeus@myth.demon.co.uk (Mike Cowgill) Subject: Getting Started on Satellites HELP!

In article <38s0vp\$cr8@desiree.teleport.com> n7ryw@teleport.com "William Roth" writes:

- > We could go on here for weeks, and only scratch the surface, so I'll refer
- > you to a book, Satellite Experimenters Handbook. Available from good Ham stores
- > and mail order.

> Weather satellites are an entirely different service. Try Weather Satellite

- > Handbook,
- > same sources.

Excellent advice. If those books get you hooked then you could do worse than join Amsat (don't have the US address). In the meantime, tune your 2m FM receiver to 145.825 and listen for Dove DO-17 (I haven't been following it recently so it may be temporarily off again).

Mike.

Date: 28 Oct 1994 17:05:32 GMT

From: miles@mail.utexas.edu (Miles Abernathy)
Subject: Ham-Space Digest...Address to Subscribe?

Can someone post the address for subscribing (and un-subbing)? Thank you.

Date: 28 Oct 1994 17:29:24 GMT

From: nguyen@ddwilson.gsfc.nasa.gov (Richard Nguyen)

Subject: International Recommendations

Code 500 at Goddard Space Flight Center has established an Online Information Server (OLIS) to allow remote users browsing current Blue Books and Green Books through Internet. These Recommendations have been prepared by the Consultative Committee for Space Data Systems (CCSDS).

The OLIS provides many access and retrieval methods (e.g., WAIS, FTP, Gopher, Mosaic). Regardless of platform used (e.g., Mac, PC, Unix), a remote user can download text file of various CCSDS Blue Books and Green Books. Postscript format of these documents is also available for remote user who does not have the same word processing application software that was used to create the original document.

Document in its native format (e.g., Word) can also be retrieved.

You can ftp or run gopher to ddwilson.gsfc.nasa.gov, or Open URL to http://ddwilson.gsfc.nasa.gov/CCSDS-A.html.

- -

Diem Nguyen e-mail: nguyen@ddwilson.gsfc.nasa.gov

DNGUYEN on GSFCMAIL

Loral AeroSys voice: 301-794-2563 (office)

7375 Executive Place fax: 301-794-7208

Seabrook, MD 20706 USA

Date: Sun, 30 Oct 1994 17:28:57 GMT From: timothy@indy.net (Timothy Toroni)

Subject: Satellite elements

Is there someone out there that could post some satellite elements?

Date: 30 Oct 1994 12:38:55 -0800

From: gkennedy@helix.net (Geoff L. Kennedy) Subject: Satellite tracking software needed

Hello All !!!

I am looking for an MS-DOS based satellite tracking program which will produce a tabular prediction *text file* output for "visible" passes.

There is one hitch.....the output, in addition to AOS/LOS times and Alt/Az info, *** MUST contain the ORBIT NUMBER for each pass. ***

I have tried STSPLUS and TRACKSAT, and neither of these give me that information in their "analytical" modes....

I need this information to assist me in cataloging of NOAA imagery I am now receiving. Right now I am entering this information manually (and it takes a fair chunk of time!), but I want to automate the process in the very near future.

Is there anything from, say, AMSAT which does this ?? If so, how can I get my grubby little hands on it ?? <GRIN>

Thanks in advance.

Geoff L. Kennedy
gkennedy@helix.net

Date: 30 Oct 1994 11:02:33 -0500

From: lisansky@strauss.udel.edu (Terry Lisansky)

Subject: Tracking the MIR. Help!

I use Traksat. Works great. When Traksat says it's supposed to be there, it is.

Terry

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Terry Lisansky (lisansky@strauss.udel.edu)
Give me a fast ship......
For I intend to go in harms way.

Date: Sun, 30 Oct 1994 20:30:17

From: billv@olympus.net (Bill Vaughn)

References < CyCoEC.3A3@freenet.carleton.ca > < 38s0vp\$cr8@desiree.teleport.com > ,

<783566826snz@myth.demon.co.uk>

Subject: Re: Getting Started on Satellites HELP!

In article <783566826snz@myth.demon.co.uk> zeus@myth.demon.co.uk (Mike Cowgill)
writes:

>From: zeus@myth.demon.co.uk (Mike Cowgill)

>Subject: Re: Getting Started on Satellites HELP!

>Date: Mon, 31 Oct 1994 01:27:06 +0000

You can can also ftp FAQSAT.TXT from the ARRL info site. They can be retrieved from oak.oakland.edu pub/hamradio/arrl/infoserver

Or if you only have e-mail you can send mail to info@arrl.org, in the body of the text it should contain only the file name then quit on a seperate line. In this case; send fagsat.txt

quit

There you go, that should do you.

End of Ham-Space Digest V94 #307 ***********